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			U.S	S. PATENT	DOCUMENTS			90		
*EXAMINER	DOCUMENT NUMBER DATE			NAME	CLASS	SUBCLASS	FILING DATE	TE		
PP		4,548,605	10/22/1985	Iwamoto et al.				II ALTROPRIA		
		4,150,744	04/24/1979	Fennim	ore					
		3,876,738	04/08/1975	Marinaccion et al.						
		4,340,479	07/20/1982	Pall						
		4,473,474	09/25/1984	Ostreicl	her et al.					
		4,673,504	06/16/1987	Ostreicher et al.						
		4,708,803	11/24/1987	Ostreicher et al.)			
		4,711,793	12/08/1987	Ostreicher et al.						
		4,900,449	02/13/1990	Kraus et al.						
		4,964,990	10/23/1990	Kraus et al.						
V		5,076,935	12/31/1991	Kraus et al.						
			FORE	IGN PATE	NT DOCUMENTS		,			
	DOCUMENT NUMBER DATE			COUNTRY	CLASS	SUBCLASS	TRANSLAT YES	NO.		
PP		WO95/19199	07/20/95	Рет і	0190	<u></u>				
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Form PTO-A820 (also form PTO-1449)

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
PP	5,108,607	04/28/1992	Kraus et al.						
1	5,536,413	07/16/1996	Bormann et al.						
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	4,925,572	05/15/1990	Pall						
	4,246,107	01/20/1981	Takenaka et al.	·	7		·		
1		FORE	IGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL. YES	NO NO		
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ATTY DOCKET NO. SERIAL NO. F-5076 Unknown INFORMATION DISCLOSURE CITATION Herman et al. (Use several sheets if necessary) FILING GROUP Herewith Unknown **U.S. PATENT DOCUMENTS** *EXAMINER FILING DATE CLASS SUBCLASS DOCUMENT NUMBER DATE NAME IF APPROPRIATE INITIAL 08/26/1997 Piechocki et al. 5,660,731 5,639,376 06/17/1997 Lee et al. Watanabe et al. 4,701,267 10/20/1987 5,102,407 04/07/1992 Carmen et al. 02/07/1995 Fell et al. 5,387,187 04/04/1995 5,403,272 Deniega et al. 03/04/1997 Latham, Jr. et al. 5,607,579 06/11/1991 Nagatomo et al. 5,023,052 4,985,153 01/15/1991 Kuroda et al. Katsurada et al. 5,498,336 03/12/1996 5,298,165 03/29/1994 Oka et al. **FOREIGN PATENT DOCUMENTS** TRANSLATION SUBCLASS COUNTRY CLASS DOCUMENT NUMBER DATE YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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		U.	S. PATENT DOCUMENTS					
*EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE		
pn	4,025,618	05/24/1977	Garber et al.	<u> </u>				
	4,915,683	04/10/1990	Sieber					
	5,089,146	02/18/1992	Carmen et al.		7			
	5,100,564	03/31/1992	Pall et al.					
	5,229,012	07/20/1993	Pall et al.					
	5,288,403	02/22/1994	Ohno					
	5,300,019	04/05/1994	Bischof et al.					
	5,399,268	03/21/1995	Pall et al.					
	5,501,795	03/26/1996	Pall et al.					
	5,512,187	04/30/1996	Buchholz et al.					
1	5,536,238		Bischof					
		FORI	EIGN PATENT DOCUMENTS					
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*EXAMINER	DOCUMENT NOMBER		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
PP	5,545,516	08/13/1996	Wagner						
	5,549,834	08/27/1996	Brown						
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	5,290,221	03/01/1994	Wolf Jr. et al.						
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	4,997,577	03/1991	Stewart						
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V	5,126,054	06/1992	Matkovich						
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				U.S. PAT	TENT DOCUMENTS		-iy			
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO		
PP		5,128,048	07/1992	Stewar	t et al.					
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1		5,269,946	12/1993	Goldha	ber et al.					
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